

REPLY TO OFFICE ACTION OF 3 JUNE 2004

SERIAL NO: 09/855,042
DOCKET NO: 149-0161US

AMENDMENT TO THE CLAIMS

1. (previously presented) A method of updating a computer system, the method comprising:

receiving a first set of update information, the first set of update information having a size;

requesting a second set of update information responsive to at least the size of the first set of update information; and

updating the computer system responsive to one selected from:

the first set of update information received; and

the first set of update information received and the second set of update information requested.

2. (original) The method of claim 1 wherein the updating step comprises deleting at least one set of information, said at least one set of information stored on the computer system prior to the receiving step, responsive to the first set of update information received.

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3. (previously presented) The method of claim 1, additionally comprising:
receiving a third set of update information;
updating the computer system responsive to at least the third set of update information received; and wherein
a difference in times between a performance of each of the receiving the third set of update information and the updating the computer system responsive to at least the first set of update information is larger than at least one selected from:
a difference in times between a performance of each of the receiving the first set of update information and the updating the computer system responsive to at least the first set of update information; and
a difference in times between a performance of each of the receiving the third set of update information and the updating the computer system responsive to at least the third set of update information.
4. (original) The method of claim 1 wherein the requesting step is additionally responsive to a size of an area into which update information may be stored.
5. (original) A method of updating a computer system, the method comprising:
requesting on a first occasion a first set of update information for a first set of information responsive to a list comprising at least one identifier of the first set of information and at least one identifier of a second set of information;
receiving the first set of update information responsive to the request;
modifying the first set of information responsive to the first set of update information received;
requesting on a second occasion, following the first occasion, a second set of update information for the first set of information before any update information for the second set of information is requested following the first occasion.

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6. (original) The method of claim 5:
wherein a combination of the first set of update information and the any update information for the second set of information exceeds a storage size; and
additionally comprising requesting update information for the second set of information responsive to at least a size of the second set of update information for the first set of information not larger than the storage size.
7. (original) The method of claim 6 wherein:
the list has an order; and
the at least one Identifier of the first set of information is ordered prior to the at least one identifier of the second set of information.
8. (previously presented) A computer program product comprising a computer useable medium having computer readable program code embodied therein for updating a computer system, the computer program product comprising:
computer readable program code devices configured to cause a computer to receive a first set of update information, the first set of update information having a size;
computer readable program code devices configured to cause a computer to request a second set of update information responsive to at least the size of the first set of update information; and
computer readable program code devices configured to cause a computer to update the computer system responsive to one selected from:
the first set of update information received; and
the first set of update information received and the second set of update information requested.

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9. (original) The computer program product of claim 8 wherein the computer readable program code devices configured to cause a computer to update comprise computer readable program code devices configured to cause a computer to delete at least one set of information, said at least one set of information stored on the computer system prior to the receiving step, responsive to the first set of update information received.

10. (previously presented) The computer program product of claim 8, additionally comprising:

computer readable program code devices configured to cause a computer to receive a third set of update information;

computer readable program code devices configured to cause a computer to update the computer system responsive to at least the third set of update information received;

and wherein a difference in times between an operation of each of the computer readable program code devices configured to cause a computer to receive the third set of update information and the computer readable program code devices configured to cause a computer to update the computer system responsive to at least the first set of update information is larger than at least one selected from:

a difference in times between an operation of each of the computer readable program code devices configured to cause a computer to receive the first set of update information and the computer readable program code devices configured to cause a computer to update the computer system responsive to at least the first set of update information; and

a difference in times between an operation of each of the computer readable program code devices configured to cause a computer to receive the third set of update information and the computer readable program code devices configured to cause a computer to update the computer system responsive to at least the third set of update information.

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11. (original) The computer program product of claim 8 wherein the computer readable program code devices configured to cause a computer to request are additionally responsive to a size of an area into which update information may be stored.

12. (original) A computer program product comprising a computer useable medium having computer readable program code embodied therein for updating a computer system, the computer program product comprising:

computer readable program code devices configured to cause a computer to request on a first occasion a first set of update information for a first set of information responsive to a list comprising at least one identifier of the first set of information and at least one identifier of a second set of information;

computer readable program code devices configured to cause a computer to receive the first set of update information responsive to the request;

computer readable program code devices configured to cause a computer to modify the first set of information responsive to the first set of update information received;

computer readable program code devices configured to cause a computer to request on a second occasion, following the first occasion, a second set of update information for the first set of information before any update information for the second set of information is requested following the first occasion.

13. (original) The computer program product of claim 12:

wherein a combination of the first set of update information and the any update information for the second set of information exceeds a storage size; and

additionally comprising computer readable program code devices configured to cause a computer to request update information for the second set of information responsive to at least a size of the second set of update information for the first set of information not larger than the storage size.

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14. (original) The computer program product of claim 13 wherein:

the list has an order; and

the at least one Identifier of the first set of Information is ordered prior to the at least one Identifier of the second set of information.

15. (previously presented) A system for updating a computer system, the system comprising:

a holding area manager for identifying and providing at a size output a size of a first set of update information received at an input, the first set of update Information having the size, and providing a signal at an update output responsive to at least the size exceeding a storage amount;

a requester having an input coupled to the holding area manager size output for receiving the size, the requester for requesting at an output a second set of update information responsive to the size received at the requester input; and

an installer/deleter having an input coupled to the holding area manager update output for receiving the signal, the installer/deleter for updating the computer system via an output responsive to the signal and one selected from:

the first set of update information received at an update input; and

the first set of update information received at the update input and the second set of update information requested by the requester.

16. (original) The system of claim 15 wherein the installer/deleter updates the computer system by generating at a command output at least one command, responsive to the first set of update information received, to delete at least one set of information said at least one set of information stored on the computer system prior to the holding area manager identifying and providing the size.

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17. (original) The system of claim 15, wherein:

the requester additionally requests at the requester output at least one third set of update information;

the installer/deleter additionally updates the computer system responsive to at least the third set of update information received at the update input; and

a difference in times between the requester requesting the third set of update information and the installer/deleter updating the computer system responsive to at least the first set of update information is larger than at least one selected from:

a difference in times between the holding area manager identifying the size of the first set of update information and the installer/deleter updating the computer system responsive to at least the first set of update information; and

a difference in times between the requester requesting the third set of update information and the installer/deleter updating the computer system responsive to at least the third set of update information.

18. (original) The system of claim 15 wherein the requester requests the at least one second set of update information additionally responsive to a size of an area into which at least the second set of update information may be stored.

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19. (original) A system of updating a computer system, the system comprising:
a requester having an input for receiving a list comprising at least one identifier of a first set of information and at least one identifier of a second set of information, the requester for:

providing at an output during a first occasion a request for a first set of update information for the first set of information responsive to the list; and

providing at the output on a second occasion, following the first occasion, a request for a second set of update information for the first set of information before any update information for the second set of information is requested;

a holding area manager having an input for receiving the first set of update information responsive to the request; and

an installer/deleter having an input coupled to the holding area manager for receiving the first set of update information, the installer/deleter for providing at least one command at an output to modify the first set of information responsive to the first set of update information received at the installer/deleter input.

20. (original) The system of claim 19:

wherein a combination of the first set of update information and the any update information for the second set of information exceeds a storage size; and

the requester is additionally for providing a request for update information for the second set of information responsive to at least a size of the second set of update information for the first set of information not larger than the storage size.

21. (original) The system of claim 20 wherein:

the list has an order; and the at least one identifier of the first set of information is ordered prior to the at least one identifier of the second set of information.